

San Francisco Bay Area Regional Priority Projects and Programs Attachment 5 - Schedule

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The summary schedule on the following page provides a “roll-up” schedule for the entire proposal. Pending receipt of grant funding, the programs in this proposal are scheduled to be fully implemented and thereby delivering on the suite of water supply, water quality, flood protection and ecosystem benefits between 2011 and 2015.

Detailed schedules for each of the five regional programs are provided in the following pages. The schedules indicate start dates, end dates and milestones for each of the tasks and linkages/dependencies between tasks. In accordance with the PSP, the schedule items align with the work tasks described in Attachment 3 – Work Plan and Attachment 4 – Budget, and include the following items:

- ✓ Development of financing
- ✓ Development of environmental documentation and compliance
- ✓ Project design and bid solicitation process
- ✓ Acquisition of rights-of-way, if required
- ✓ Identification and acquisition of all necessary permits
- ✓ Construction start and end dates
- ✓ Implementation of environmental mitigation or enhancement efforts, if required

The schedules presented in this Attachment assume that the proposed projects are funded, with a grant effective award date of June 1, 2011.

Grant Management

The grant period will extend from June 1, 2011, the expected award date, until the lengthiest projects will wind down about four years later when the grant can then be closed out by June 2015. It is assumed that contracting with DWR and participating agencies will occur between June 1, 2011 and September 1, 2011.

Quarterly Reports

The grant administrator, Bay Area Clean Water Agencies (BACWA) will submit quarterly reports to DWR by the **last day of the following month** of March, June, September and December for the preceding quarter (e.g. April 30 for program status of the project from the preceding months of January through March).

Invoices

The grant administrator, Bay Area Clean Water Agencies (BACWA) will submit project invoices together with the quarterly reports to DWR.

Final (Project Closeout) Report

A Final Report for each project in the Work Plan will be submitted to DWR within ninety (90) calendar days of DWR verification that all tasks associated with the project have been completed.

Project Verification

Periodic job site visits will also be conducted by an independent contractor or consultant to verify progress on projects, particularly at the final inspection with DWR which is a condition of successfully completing a project and subsequent release of retained funds.

1. Regional Recycled Water Program

The schedule for each of the work tasks associated with the Regional Recycled Water Program is described below. The Gantt chart is provided on the following page.

Overall Duration of Program

This Program is scheduled to begin on June 1, 2011 and be completed by May 4, 2013. The duration of the Program is approximately 2 years.

Development of Financing

Participating agencies will be providing matching funds to fund the ongoing projects, and will invoice DWR quarterly.

Task 1. Project Administration

This task will begin with the award of the grant (assumed as June 1, 2011), and will extend throughout the implementation of the project to project completion.

Task 2. Labor Compliance Program

All projects will obtain and implement Labor Compliance Programs prior to the start of project construction.

Task 3. Reporting

The Quarterly Reports will be submitted to DWR by the last day of the following month of March, June, September and December for the preceding quarter (e.g. April 30 for program status of the project from the preceding months of January through March). The Final Project Report will be submitted to DWR within ninety (90) calendar days of DWR verification that all tasks associated with the Program have been completed.

Task 4. Assessment and Evaluation

Not applicable. All projects have completed assessment and evaluation studies.

Task 5. Final Design

This task is project-specific. All projects have begun project design, and are in various stages of completion. Please refer to the Gantt chart for details.

Task 6. Environmental Documentation

This task is project-specific. All projects have begun preparation of environmental documentation, and are in various stages of completion. Please refer to the Gantt chart for details.

Task 7. Permitting

This task is project-specific. All projects have begun preparation of permits, and are in various stages of completion. Please refer to the Gantt chart for details.

Task 8. Construction Contracting

This task is project-specific. Most of the projects will complete construction contracting by December 31, 2011. Please refer to the Gantt chart for details.

Task 9. Construction/Implementation

This task is project-specific. Most of the projects will begin construction by January 1, 2012. Please refer to the Gantt chart for details.

Task 10. Environmental Compliance/Mitigation/Enhancement

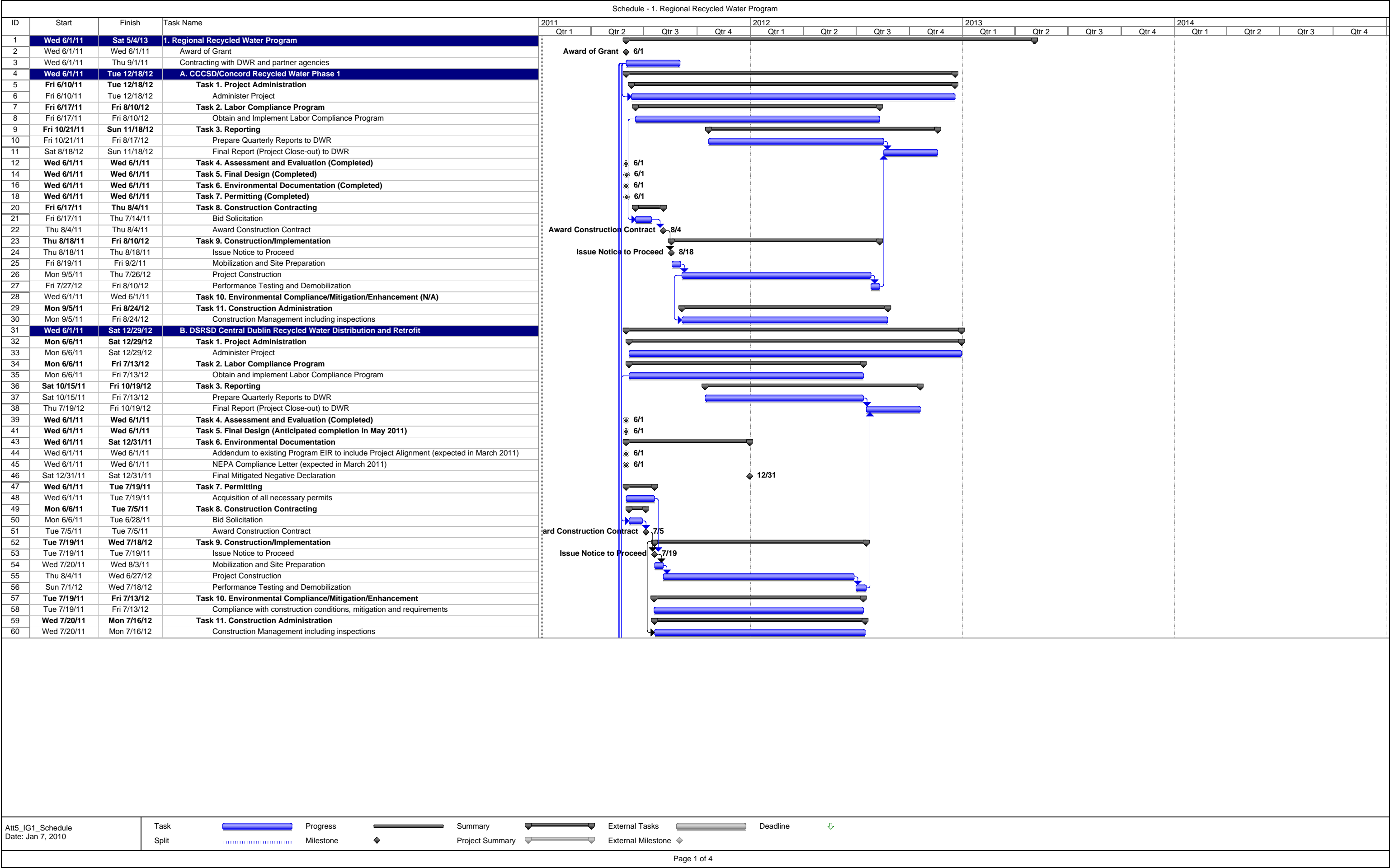
This task is project-specific. Please refer to the Gantt chart for details.

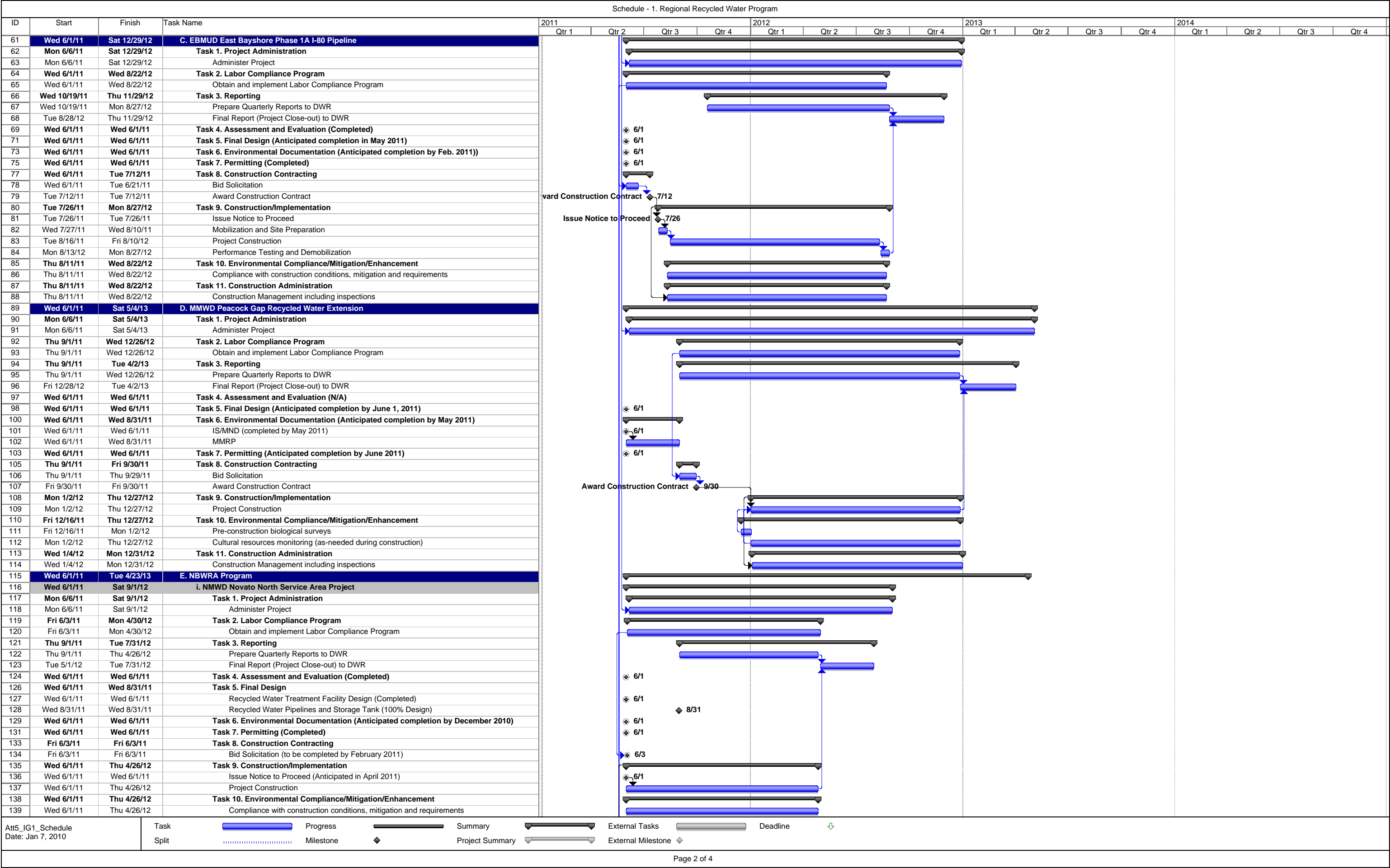
Task 11. Construction Administration

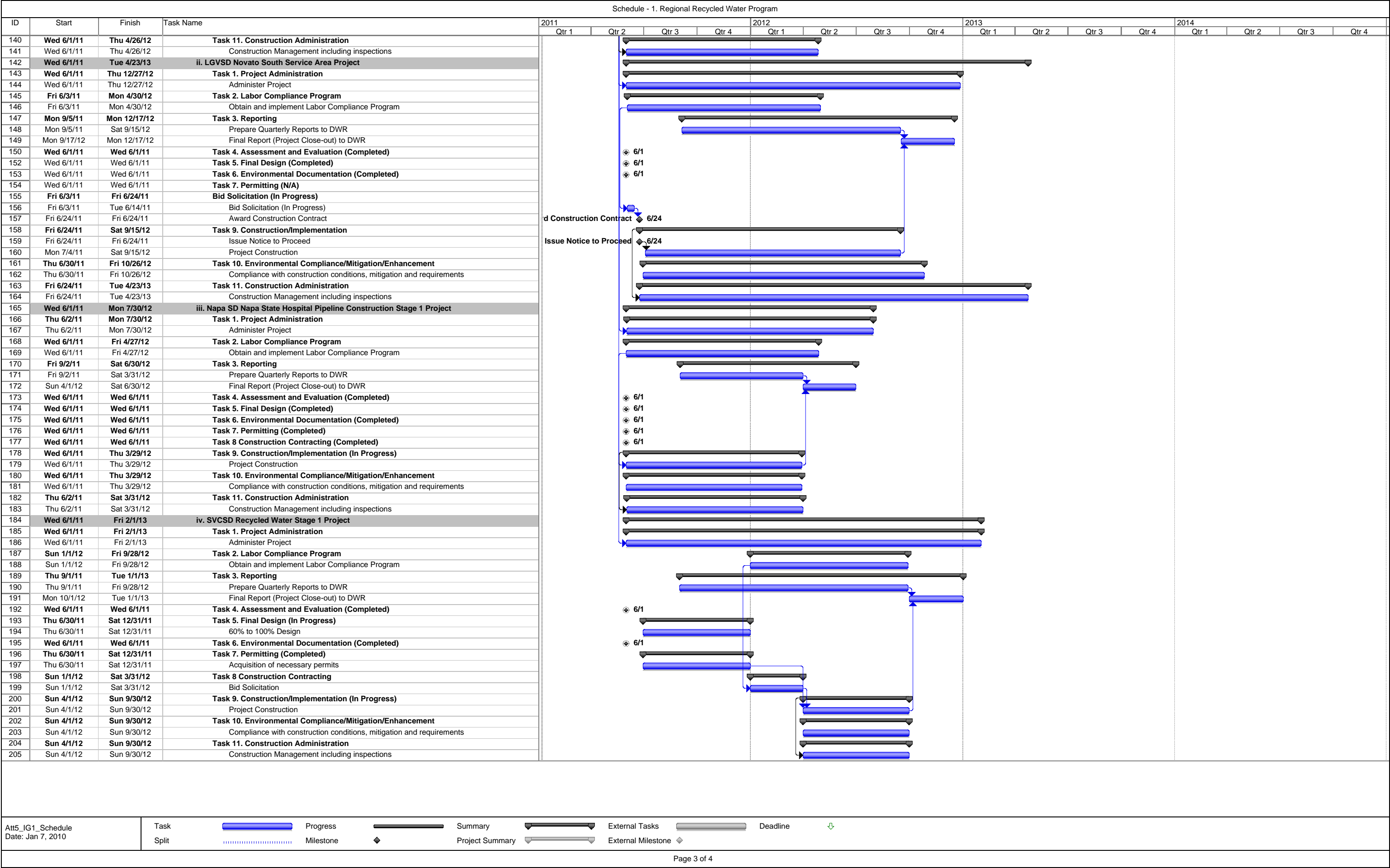
This task is project-specific. Construction administration includes inspections and will be conducted throughout the construction phase of the projects. Please refer to the Gantt chart for details.

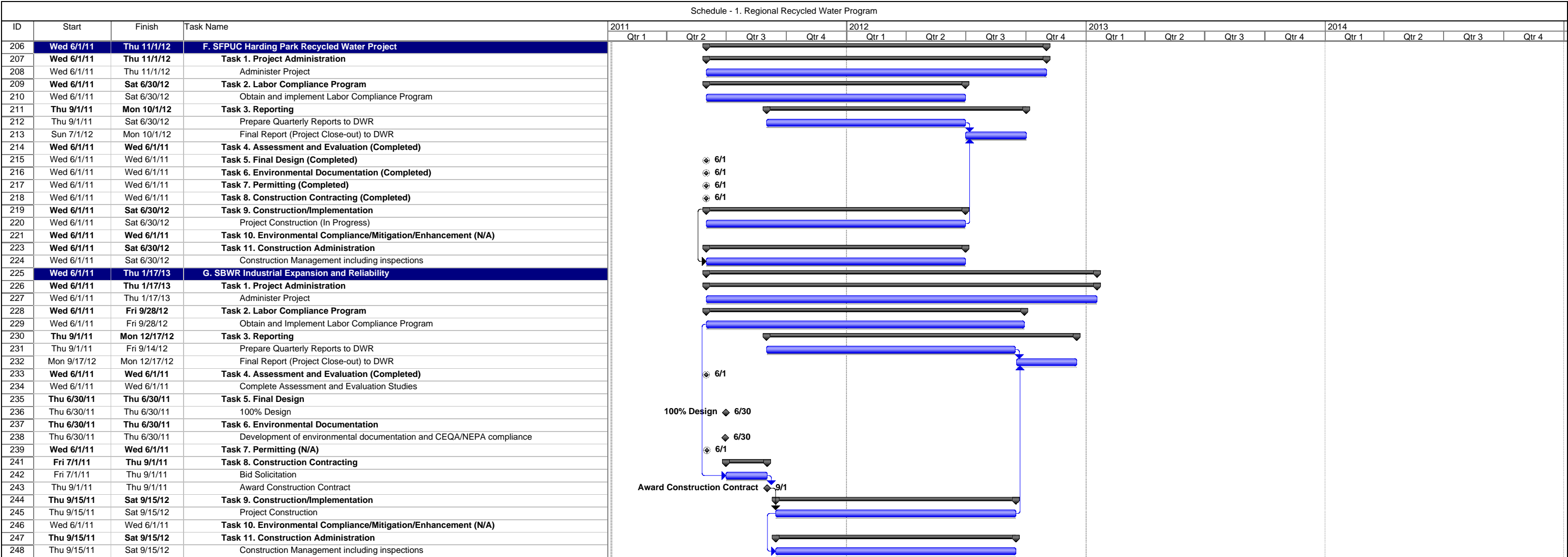
Program Performance Monitoring

Program performance monitoring will be conducted for each of the projects per Title 22 General Recycled Water Permit requirements, and will be documented in the quarterly and final reports.









2. Regional Water Conservation Program

The schedule for each of the work tasks associated with the Regional Water Conservation Program is described below. The Gantt chart is provided on the following page.

Overall Duration of Program

This Program is scheduled to begin on June 1, 2011 and be completed by September 30, 2013. The duration of the Program is approximately 2 years and 3 months.

Development of Financing

The participating agencies will fund the rebates during the course of the Program, and will invoice DWR quarterly.

Task 1. Project Administration

This task will begin with the award of the grant (assumed as June 1, 2011), and will extend throughout the implementation of the project to project completion.

Task 2. Labor Compliance Program

This is not applicable to the Regional Water Conservation Program because it does not involve any public works construction activities.

Task 3. Reporting

The Quarterly Reports will be submitted to DWR by the last day of the following month of March, June, September and December for the preceding quarter (e.g. April 30 for program status of the project from the preceding months of January through March). The Final Project Report will be submitted to DWR within ninety (90) calendar days of DWR verification that all tasks associated with the Program have been completed.

Task 4. Assessment and Evaluation

Not applicable. No studies or assessments need to be prepared before project implementation.

Task 5. Final Design

Not applicable. This program does not require design services.

Task 6. Environmental Documentation

Not applicable. The program is not considered a “project” under CEQA [CEQA Guideline 15378].

Task 7. Permitting

Not applicable. This program does not require permits.

Task 8. Construction Contracting

Assuming that grant award contracting with project proponents in this Proposal will take approximately one month from the date of award, construction contracting for the Regional Water Conservation Program is scheduled to begin in July 2011 and be completed by the end of August 2011. This includes bid solicitation, and contracting with Contractors and vendors to implement the program.

Task 9. Implementation

Some of the programs will be implemented in July 2011 and others in September 2011, after constructing contracting is complete and all contractors and vendors have been selected. Due to the nature of the conservation programs, implementation of the rebates will be ongoing until program completion at the end of September 2013.

Task 10. Environmental Compliance/Mitigation/Enhancement

Not Applicable. The Program is not considered a project under CEQA [CEQA Guideline 15378].

Task 11. Construction Administration

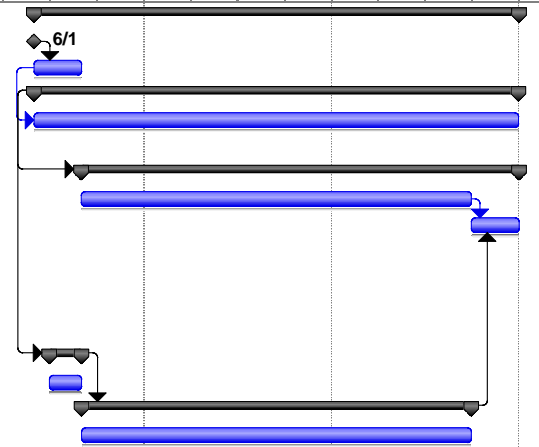
Not applicable. The Program does not include construction activities.

Program Performance Monitoring

Program performance monitoring will be conducted throughout the life of the program, and will be documented in the quarterly reports and Final Report.

Schedule - 2. Regional Water Conservation Program

ID	Start	Finish	Task Name	2011				2012				2013				2014			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
1	Wed 6/1/11	Wed 1/1/14	2. Regional Water Conservation Program																
2	Wed 6/1/11	Wed 6/1/11	Award of Grant																
3	Wed 6/1/11	Thu 9/1/11	Contracting with DWR and partner agencies																
4	Wed 6/1/11	Tue 12/31/13	Task 1. Project Administration																
5	Wed 6/1/11	Tue 12/31/13	Administer Project																
6	Wed 6/1/11	Wed 6/1/11	Task 2. Labor Compliance Program (N/A)																
8	Thu 9/1/11	Wed 1/1/14	Task 3. Reporting																
9	Thu 9/1/11	Mon 9/30/13	Prepare Quarterly Reports to DWR																
10	Tue 10/1/13	Wed 1/1/14	Prepare Final Report to DWR																
11	Wed 6/1/11	Wed 6/1/11	Task 4. Assessment and Evaluation (N/A)																
13	Wed 6/1/11	Wed 6/1/11	Task 5. Final Design (N/A)																
15	Wed 6/1/11	Wed 6/1/11	Task 6. Environmental Documentation (N/A)																
17	Wed 6/1/11	Wed 6/1/11	Task 7. Permitting (N/A)																
19	Fri 7/1/11	Thu 9/1/11	Task 8. Construction Contracting																
20	Fri 7/1/11	Thu 9/1/11	Bid Solicitation																
21	Fri 9/2/11	Mon 9/30/13	Task 9. Implementation																
22	Fri 9/2/11	Mon 9/30/13	Program Implementation																
23	Wed 6/1/11	Wed 6/1/11	Task 10. Environmental Compliance/Mitigation/Enhancement (N/A)																
25	Wed 6/1/11	Wed 6/1/11	Task 11. Construction Administration (N/A)																



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Date: Jan 7, 2010

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	

3. Wetland Ecosystem Restoration Program

The schedule for each of the work tasks associated with the Wetland Ecosystem Restoration Program is described below. The Gantt chart is provided on the following page.

Overall Duration of Program: This Program is scheduled to begin on June 1, 2011 and be completed by September 30, 2014. The duration of the Program is approximately 3 years and 3 months.

Development of Financing

A. Sears Point Wetland and Watershed Restoration: \$8 million by December 2011, \$6 million by December 2012 and \$6 million by June 2013.

B. Bair Island Restoration: Construction funds secured by June 2011.

C. Pond A16/17 Habitat Restoration: Construction funds secured by June 2011.

Task 1. Project Administration

This task will begin with the award of the grant (assumed as June 1, 2011), and will extend throughout the implementation of the project to project completion.

Task 2. Labor Compliance Program

The Labor Compliance Program will be developed as part of the bid solicitation process for all projects will be implemented throughout project construction.

Task 3. Reporting

The Quarterly Reports will be submitted to DWR by the last day of the following month of March, June, September and December for the preceding quarter (e.g. April 30 for program status of the project from the preceding months of January through March). The Final Project Report will be submitted to DWR within ninety (90) calendar days of DWR verification that all tasks associated with the Program have been completed.

Task 4. Assessment and Evaluation

Not applicable. No studies or assessments need to be prepared before project implementation.

Task 5. Final Design

Final design for the projects in the Program is scheduled from June 1, 2011 through October 31, 2011. The design for the Bair Island Restoration project is complete.

Task 6. Environmental Documentation

All necessary environmental documentation has been completed for all the projects included in this Program.

Task 7. Permitting

The permitting process of the Sears Point Wetland and Watershed Restoration (Sears Point) is currently underway and all necessary permits will be obtained by November 2011. The other two projects have completed the permitting process.

Task 8. Construction Contracting

The bid solicitation process for each project will be initiated after final design is completed.

Task 9. Construction/Implementation

Construction for all projects will be initiated after construction contracting is finalized. Bair Island and Pond A16/17 restoration projects will start in September 2011 and will extend through December 2012.

The Sears Point project will begin construction in March 2012 with completion of Phase I in May 2014 and anticipated completion of the subsequent Phase II by 2016.

Task 10. Environmental Compliance/Mitigation/Enhancement

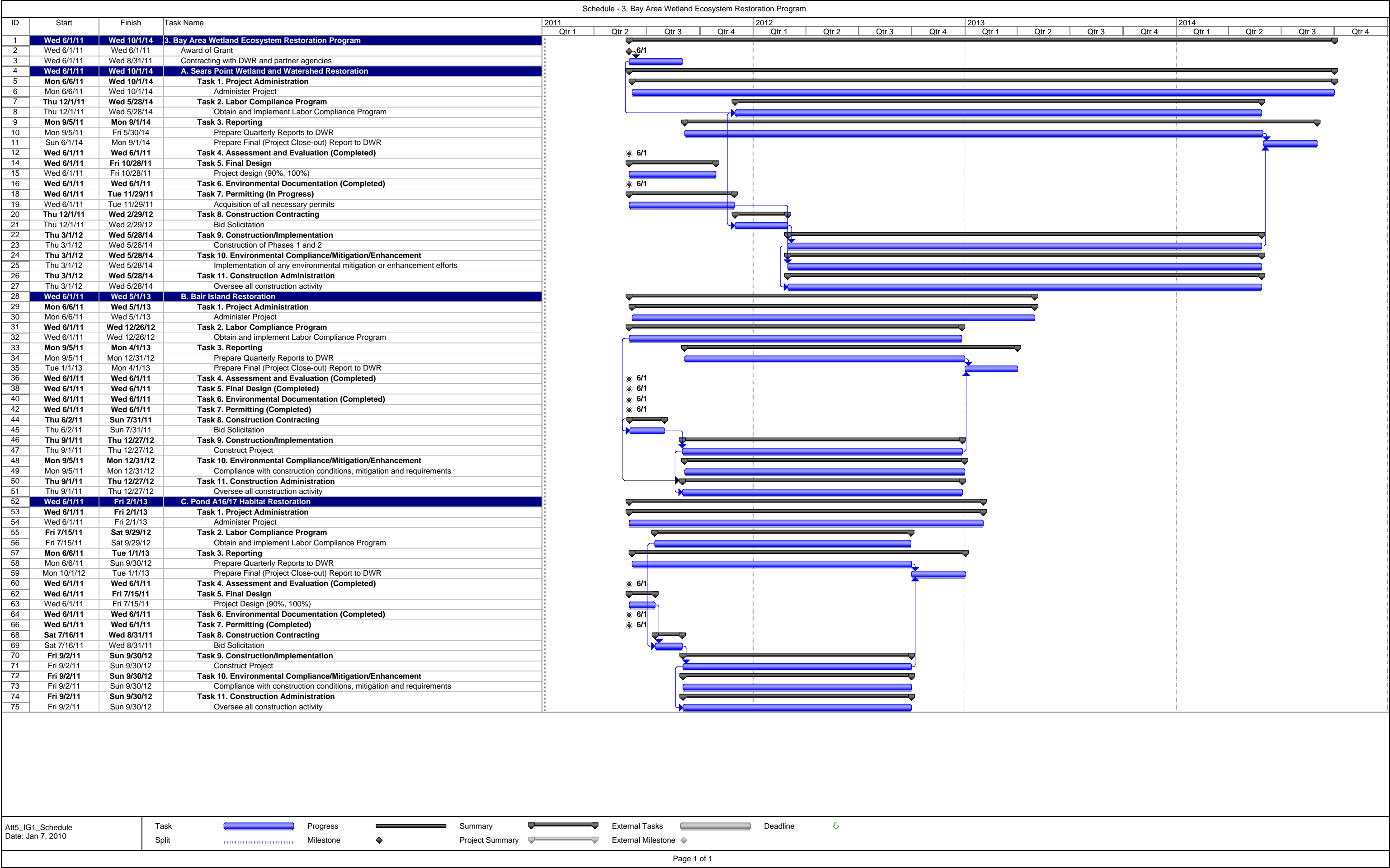
Environmental compliance and monitoring of the project sites will be ongoing during construction.

Task 11. Construction Administration

Construction administration for the Program will be ongoing throughout the construction period.

Program Performance Monitoring

Site monitoring will be conducted under Task 10 during construction. Post-project monitoring based on the monitoring, assessment and performance measures developed in Attachment 6 of this proposal will be used to help ensure that the project is meeting restoration objectives, and will be implemented after completion of each project.



4. Regional Green Infrastructure Capacity Building Program

The schedule for each of the work tasks associated with the Regional Green Infrastructure Capacity Building Program is described below. The Gantt chart is provided on the following page.

Overall Duration of Program: This Program is scheduled to begin on June 1, 2011 and be completed by November 1, 2014. The duration of the Program is approximately 3 years and 3 months.

Development of Financing

Participating agencies will be providing matching funds to fund the ongoing projects, and will invoice DWR quarterly.

Task 1. Project Administration

This task will begin with the award of the grant (assumed as June 1, 2011), and will extend throughout the implementation of the project to project completion.

Task 2. Labor Compliance Program

The Labor Compliance Program (LCP) will be developed as part of the bid solicitation process for each project. The timeline for LCP implementation for each project is different and based on the construction period, but the LCPs will all be initiated in 2012.

Task 3. Reporting

The Quarterly Reports will be submitted to DWR by the last day of the following month of March, June, September and December for the preceding quarter (e.g. April 30 for program status of the project from the preceding months of January through March). The Final Project Report will be submitted to DWR within ninety (90) calendar days of DWR verification that all tasks associated with the Program have been completed.

Task 4. Assessment and Evaluation

A geotechnical and soil study and a stormwater runoff study for the Hacienda Avenue Green Streets project will be performed between June through December 2011.

Task 5. Final Design

Final design for the projects in the Program is scheduled as follows:

- A. San Pablo Spine & Regional Promotion of Green Infrastructure: January to December 2012
- B. Hacienda Avenue “Green Street” Improvement: June 2011 through April 2012
- C. Napa Valley Rainwater Harvesting: June 2011 through February 2012

Task 6. Environmental Documentation

The CEQA Negative Declaration for the San Pablo Spine & Regional Promotion of Green Infrastructure project to be prepared by Caltrans is scheduled for completion by December 2012. Environmental documentation for the other two projects has been completed.

Task 7. Permitting

All necessary permits for the San Pablo Spine project will be obtained prior to construction, between June 2011 and December 2012. Not applicable to the Hacienda Avenue project because all work will be completed within the city’s right-of-way, and no other facilities will be impacted. Not applicable to the Napa Valley project because permits will be the responsibility of the property owners.

Task 8. Construction Contracting

The bid solicitation process will be initiated after final design is complete:

- A. San Pablo Spine & Regional Promotion of Green Infrastructure: January through May 2013
- B. Hacienda Avenue “Green Street” Improvement: June 2011 through April 2012
- C. Napa Valley Rainwater Harvesting: June 2011 through February 2012

Task 9. Construction/Implementation

Construction for all projects will be initiated after construction contracting is finalized:

- A. San Pablo Spine & Regional Promotion of Green Infrastructure: May 2013 through April 2014
- B. Hacienda Avenue “Green Street” Improvement: July 2012 through December 2012
- C. Napa Valley Rainwater Harvesting: May 2012 through March 2013

Project outreach for the San Pablo Spine will occur after completion of project construction, from April 2014 through September 2014.

Task 10. Environmental Compliance/Mitigation/Enhancement

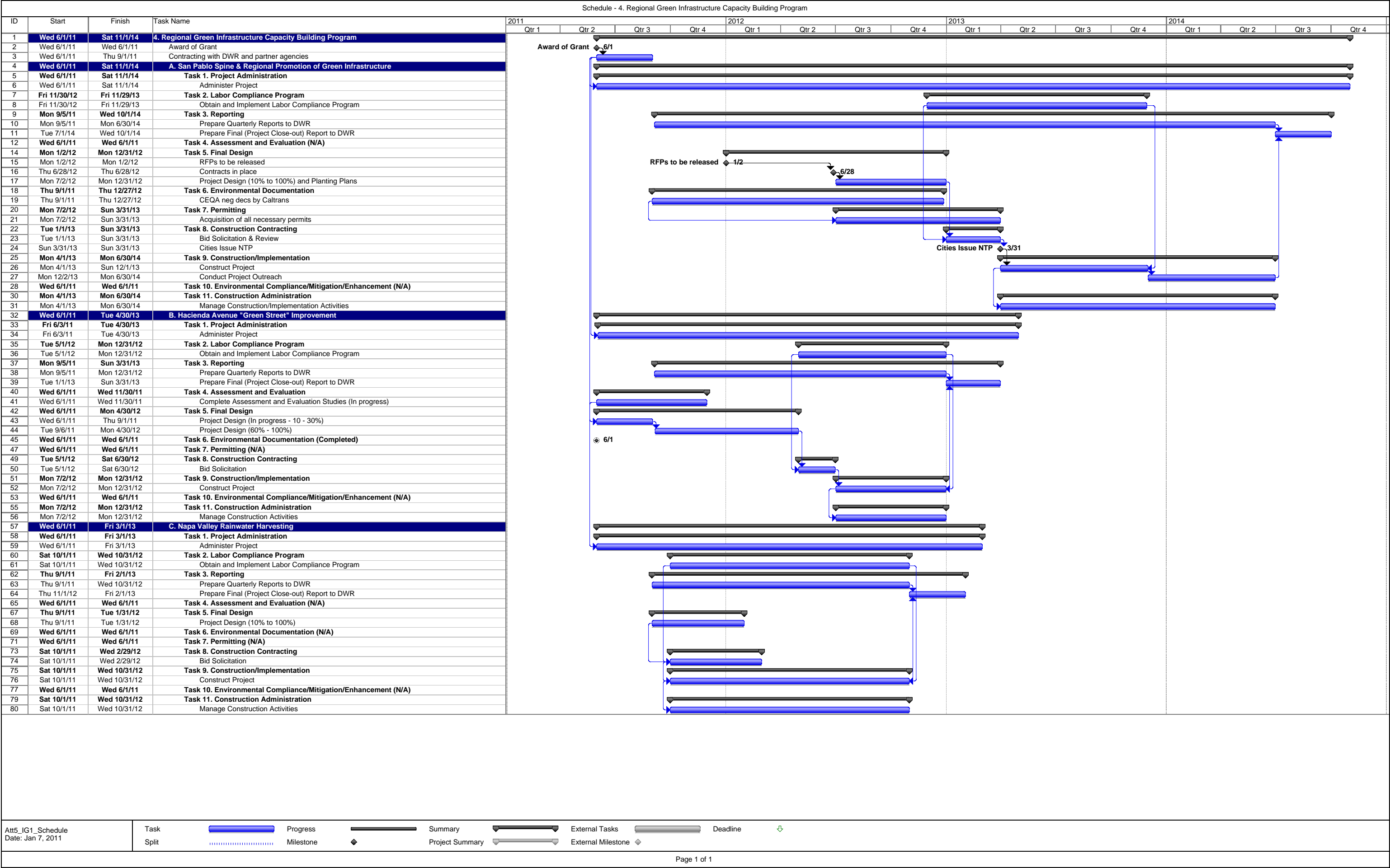
No additional environmental mitigation measures are necessary for all projects.

Task 11. Construction Administration

Construction administration for the Program will be ongoing throughout the construction period.

Program Performance Monitoring

Site monitoring (water quality sampling) will be conducted under Task 9 during construction. Post-project monitoring based on the monitoring, assessment and performance measures developed in Attachment 6 of this proposal will be used to help ensure that the project is meeting restoration objectives, and will be implemented after completion of each project.



5. Integrated Water Quality Improvement, Flood Management and Ecosystem Restoration in Bay Area Disadvantaged Communities (DAC) Program

The schedule for each of the work tasks associated with the Integrated Water Quality Improvement, Flood Management and Ecosystem Restoration in Bay Area DAC Program is described below. The Gantt chart is provided on the following page.

Because this Program is composed of nine projects that, while having similar overall goals and objectives, are being conducted in different DACs and under the auspices of several non-profit and NGO organizations, it is somewhat difficult to include very detailed time schedules at this point. Each of these projects is designed to extend for two years; start and end dates are included for each task. Much of the subsequent scheduling from the start time will depend on completing initial tasks such as selection of regional curve monitoring sites and interfacing with school staff and student volunteers; prioritization of project alternatives that will lead to development of design alternatives; and collecting of data to determine the extent of need for filling in gaps.

For example, the stormwater infrastructure mapping project in the Bay Point DAC (Project D) will require identification of project needs, coordination with the local school district for student participation, meetings with local community members, and coordination with the local municipalities, all of which build upon each other and will need to be adaptively managed within the overall time schedule. The Richmond Shoreline Project (Project E) will also require coordination with the local schools to identify qualified students for stream restoration curve design work, which will be used to inform the design alternatives for the community-based creek restoration design in the city of San Pablo. As these tasks build on each other, flexibility will be needed in scheduling to take account of local DAC needs.

Another example is the stream restoration curves development (Project H), which will be used to inform restoration projects in Project E (North Richmond Shoreline) and Project F (Pescadero). The restoration curve development work will be staged so that results are available for each of the DAC projects at the appropriate time.

If the Program is approved for grant funding, the Program administrators (San Francisco Estuary Partnership, SFEP) will work closely with each of the project leads to develop a more robust time schedule that will take project variables into account. SFEP has extensive experience in successfully managing multi-objective, multi-project grants and will be able to work with the project proponents to develop specific timetables for tasks and deliverables. An example progress report and project timeline from SFEP's Taking Action for Clean Water Project is attached after the schedule for this Program, to show how SFEP conducts grant tracking and deliverables progress on a multi-project Prop 50/ARRA grant.

Overall Duration of Program: This Program is scheduled to begin on June 1, 2011 and be completed by December 31, 2013. The duration of the Program is approximately 2.5 years. Since projects within the Program may have different start dates due to specific timing of field work and school year coordination, the final end date is scheduled to be able to encompass all project scheduling.

This Program will follow the same reporting schedule to DWR as the other programs in the Proposal.

Program Performance Monitoring

Post-project monitoring based on the monitoring, assessment and performance measures developed in Attachment 6 of this proposal will be used to help ensure that the project is meeting objectives, and will be implemented after completion of each project.

SCHEDULE				Schedule - 5. Integrated Water Quality Improvement, Flood Management and Ecosystem Restoration in Bay Area Disadvantaged Communities															
ID	Start	Finish	Task Name	2011				2012				2013				2014			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
1	Wed 6/1/11	Tue 12/31/13	5. Integrated Water Quality Improvement, Flood Management and Ecosystem Restoration in Bay Area DACs																
2	Wed 6/1/11	Wed 6/1/11	Award of Grant																
3	Wed 6/1/11	Thu 9/1/11	Contracting with DWR and partner agencies																
4	Wed 6/1/11	Tue 12/31/13	A. Watershed Partnership Technical Assistance																
5	Wed 6/1/11	Tue 12/31/13	Task 1. Project Administration																
6	Wed 6/1/11	Wed 6/1/11	Task 2. Labor Compliance Program (N/A)																
7	Wed 6/1/11	Wed 6/1/11	Task 3. Reporting (included under Projects 2 to 9)																
8	Wed 6/1/11	Wed 6/1/11	Task 4. Assessment and Evaluation (N/A)																
9	Wed 6/1/11	Wed 6/1/11	Task 5. Project Design (N/A)																
10	Wed 6/1/11	Wed 6/1/11	Task 6. Environmental Documentation (N/A)																
11	Wed 6/1/11	Wed 6/1/11	Task 7. Permitting (N/A)																
12	Wed 6/1/11	Wed 5/30/12	Task 8. Construction Contracting (N/A)																
13	Thu 9/1/11	Fri 8/30/13	Task 9. Construction/Implementation																
14	Thu 9/1/11	Fri 8/30/13	Assist BAWN and Working Groups to Participate in IRWMP																
15	Thu 9/1/11	Fri 8/30/13	Develop Program Information Resources																
16	Thu 9/1/11	Fri 8/30/13	Conduct Data Management																
17	Wed 6/1/11	Wed 6/1/11	Task 10. Environmental Compliance/Mitigation/Enhancement (N/A)																
18	Wed 6/1/11	Wed 6/1/11	Task 11. Construction Administration (N/A)																
19	Wed 6/1/11	Mon 9/30/13	B. Stream Restoration with Schools and Communities in DACs of the North Bay																
20	Wed 6/1/11	Mon 9/30/13	Task 1. Project Administration																
21	Wed 6/1/11	Wed 6/1/11	Task 2. Labor Compliance Program (N/A)																
22	Thu 9/1/11	Sat 8/31/13	Task 3. Reporting																
23	Thu 9/1/11	Fri 5/31/13	Prepare Quarterly Reports to DWR																
24	Mon 6/3/13	Sat 8/31/13	Prepare Final (Project Close-out Report) to DWR																
25	Wed 6/1/11	Wed 6/1/11	Task 4. Assessment and Evaluation (N/A)																
26	Wed 6/1/11	Wed 6/1/11	Task 5. Project Design (N/A)																
27	Wed 6/1/11	Wed 6/1/11	Task 6. Environmental Documentation (N/A)																
28	Wed 6/1/11	Wed 6/1/11	Task 7. Permitting (N/A)																
29	Wed 6/1/11	Wed 6/1/11	Task 8. Construction Contracting (N/A)																
30	Thu 9/1/11	Fri 5/31/13	Task 9. Construction/Implementation																
31	Thu 9/1/11	Fri 5/31/13	Conduct Restoration Planting																
32	Wed 6/1/11	Wed 6/1/11	Task 10. Environmental Compliance/Mitigation/Enhancement (N/A)																
33	Wed 6/1/11	Wed 6/1/11	Task 11. Construction Administration (N/A)																
34	Wed 6/1/11	Tue 12/31/13	C. Floodplain Mapping for the Bay Area with DAC Focus																
35	Wed 6/1/11	Tue 12/31/13	Task 1. Project Administration																
36	Wed 6/1/11	Wed 6/1/11	Task 2. Labor Compliance Program (N/A)																
37	Thu 9/1/11	Fri 11/29/13	Task 3. Reporting																
38	Thu 9/1/11	Fri 8/30/13	Prepare Quarterly Reports to DWR																
39	Mon 9/2/13	Fri 11/29/13	Prepare Final (Project Close-out Report) to DWR																
40	Wed 6/1/11	Wed 6/1/11	Task 4. Assessment and Evaluation (N/A)																
41	Wed 6/1/11	Wed 6/1/11	Task 5. Project Design (N/A)																
42	Wed 6/1/11	Wed 6/1/11	Task 6. Environmental Documentation (N/A)																
43	Wed 6/1/11	Wed 6/1/11	Task 7. Permitting (N/A)																
44	Wed 6/1/11	Wed 6/1/11	Task 8. Construction Contracting (N/A)																
45	Thu 9/1/11	Fri 8/30/13	Task 9. Construction/Implementation																
46	Thu 9/1/11	Fri 8/30/13	Development of Technical Advisory Committee																
47	Thu 9/1/11	Fri 8/30/13	Flood Infrastructure Data Gathering and Standardization																
48	Thu 9/1/11	Fri 8/30/13	Development of Interactive Web Map																
49	Thu 9/1/11	Fri 8/30/13	Fill Data Gaps and Enhance Flood Infrastructure Data																
50	Thu 9/1/11	Fri 8/30/13	Enhancements to Functionality of Interactive Web Map																
51	Wed 6/1/11	Wed 6/1/11	Task 10. Environmental Compliance/Mitigation/Enhancement (N/A)																
52	Wed 6/1/11	Wed 6/1/11	Task 11. Construction Administration (N/A)																
Att5_IG1_Schedule Date: Jan 7, 2011				Task <div></div> Progress <div></div> Summary <div></div> External Tasks <div></div> Deadline <div></div> Split <div></div> Milestone <div></div> Project Summary <div></div> External Milestone <div></div>															
Page 1																			

SCHEDULE				Schedule - 5. Integrated Water Quality Improvement, Flood Management and Ecosystem Restoration in Bay Area Disadvantaged Communities															
ID	Start	Finish	Task Name	2011				2012				2013				2014			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
53	Wed 6/1/11	Wed 10/30/13	D. Storm Water Improvements and Flood Reduction Strategies Pilot Project in Bay Point																
54	Wed 6/1/11	Wed 10/30/13	Task 1. Project Administration																
55	Wed 6/1/11	Wed 6/1/11	Task 2. Labor Compliance Program (N/A)																
56	Thu 9/1/11	Mon 9/30/13	Task 3. Reporting																
57	Thu 9/1/11	Fri 6/28/13	Prepare Quarterly Reports to DWR																
58	Mon 7/1/13	Mon 9/30/13	Prepare Final (Project Close-out Report) to DWR																
59	Wed 6/1/11	Wed 6/1/11	Task 4. Assessment and Evaluation (N/A)																
60	Wed 6/1/11	Wed 6/1/11	Task 5. Project Design (N/A)																
61	Wed 6/1/11	Wed 6/1/11	Task 6. Environmental Documentation (N/A)																
62	Wed 6/1/11	Wed 6/1/11	Task 7. Permitting (N/A)																
63	Wed 6/1/11	Wed 6/1/11	Task 8. Construction Contracting (N/A)																
64	Thu 9/1/11	Fri 6/28/13	Task 9. Construction/Implementation																
65	Thu 9/1/11	Fri 6/28/13	Community Outreach and Collection of Local Records																
66	Thu 9/1/11	Fri 6/28/13	Data Collection and Documentation																
67	Thu 9/1/11	Fri 6/28/13	Flood Hazard Assessment																
68	Thu 9/1/11	Fri 6/28/13	Flood Hazard Infrastructure Deficiency Mapping																
69	Wed 6/1/11	Wed 6/1/11	Task 10. Environmental Compliance/Mitigation/Enhancement (N/A)																
70	Wed 6/1/11	Wed 6/1/11	Task 11. Construction Administration (N/A)																
71	Wed 6/1/11	Mon 12/30/13	E. DAC Richmond Shoreline and City of San Pablo Project																
72	Wed 6/1/11	Mon 12/30/13	Task 1. Project Administration																
73	Wed 6/1/11	Wed 6/1/11	Task 2. Labor Compliance Program (N/A)																
74	Thu 9/1/11	Mon 12/2/13	Task 3. Reporting																
75	Thu 9/1/11	Fri 8/30/13	Prepare Quarterly Reports to DWR																
76	Mon 9/2/13	Mon 12/2/13	Prepare Final (Project Close-out Report) to DWR																
77	Thu 9/1/11	Fri 8/30/13	Task 4. Assessment and Evaluation																
78	Thu 9/1/11	Fri 8/30/13	Technical Assistance for Stream Restoration Design																
79	Thu 9/1/11	Fri 8/30/13	Finalize Technical Feasibility Evaluations for Wildcat Creek Restoration																
80	Tue 1/1/13	Fri 5/31/13	Task 5. Project Design																
81	Tue 1/1/13	Fri 5/31/13	Coordinate and Design the North Richmond Shoreline Access Project																
82	Wed 6/1/11	Wed 6/1/11	Task 6. Environmental Documentation (N/A)																
83	Wed 6/1/11	Wed 6/1/11	Task 7. Permitting (N/A)																
84	Wed 6/1/11	Wed 6/1/11	Task 8. Construction Contracting (N/A)																
85	Wed 6/1/11	Wed 6/1/11	Task 9. Construction/Implementation																
86	Wed 6/1/11	Wed 6/1/11	Task 10. Environmental Compliance/Mitigation/Enhancement (N/A)																
87	Wed 6/1/11	Wed 6/1/11	Task 11. Construction Administration (N/A)																
88	Wed 6/1/11	Sun 9/15/13	F. Pescadero Creek DAC Integrated Flood Reduction and Habitat Enhancement																
89	Wed 6/1/11	Sun 9/15/13	Task 1. Project Administration																
90	Wed 6/1/11	Wed 6/1/11	Task 2. Labor Compliance Program (N/A)																
91	Thu 9/1/11	Thu 8/15/13	Task 3. Reporting																
92	Thu 9/1/11	Wed 5/15/13	Prepare Quarterly Reports to DWR																
93	Thu 5/16/13	Thu 8/15/13	Prepare Final (Project Close-out Report) to DWR																
94	Thu 9/1/11	Tue 7/31/12	Task 4. Assessment and Evaluation																
95	Thu 9/1/11	Tue 7/31/12	Develop Restoration Guidance																
96	Sat 9/1/12	Wed 1/30/13	Task 5. Project Design																
97	Sat 9/1/12	Wed 1/30/13	Develop Technical Solutions to Flooding																
98	Wed 6/1/11	Wed 6/1/11	Task 6. Environmental Documentation (N/A)																
99	Wed 6/1/11	Wed 6/1/11	Task 7. Permitting (N/A)																
100	Wed 6/1/11	Wed 6/1/11	Task 8. Construction Contracting (N/A)																
101	Thu 9/1/11	Wed 5/15/13	Task 9. Construction/Implementation																
102	Thu 9/1/11	Wed 5/15/13	Collaborate with Local Stakeholders to Evaluate Flood Management Alternatives																
103	Wed 6/1/11	Wed 6/1/11	Task 10. Environmental Compliance/Mitigation/Enhancement (N/A)																
104	Wed 6/1/11	Wed 6/1/11	Task 11. Construction Administration (N/A)																

Schedule - 5. Integrated Water Quality Improvement, Flood Management and Ecosystem Restoration in Bay Area Disadvantaged Communities																			
ID	Start	Finish	Task Name	2011				2012				2013				2014			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
105	Wed 6/1/11	Tue 10/1/13	G. Pescadero Creek Steelhead Smolt Outmigrant Trapping																
106	Wed 6/1/11	Tue 10/1/13	Task 1. Project Administration																
107	Wed 6/1/11	Wed 6/1/11	Task 2. Labor Compliance Program (N/A)																
108	Thu 5/31/12	Mon 9/2/13	Task 3. Reporting																
109	Thu 5/31/12	Fri 5/31/13	Prepare Quarterly Reports to DWR																
110	Mon 6/3/13	Mon 9/2/13	Prepare Final (Project Close-out Report) to DWR																
111	Wed 6/1/11	Wed 6/1/11	Task 4. Assessment and Evaluation (N/A)																
112	Wed 6/1/11	Wed 6/1/11	Task 5. Project Design (N/A)																
113	Wed 6/1/11	Wed 6/1/11	Task 6. Environmental Documentation (N/A)																
114	Sat 10/1/11	Sat 10/1/11	Task 7. Permitting																
115	Sat 10/1/11	Sat 10/1/11	Task 8. Construction Contracting																
116	Thu 3/1/12	Fri 5/31/13	Task 9. Construction/Implementation																
117	Thu 3/1/12	Thu 5/31/12	Implement Monitoring Project (Season 1)																
118	Fri 3/1/13	Fri 5/31/13	Implement Monitoring Project (Season 2)																
119	Wed 6/1/11	Wed 6/1/11	Task 10. Environmental Compliance/Mitigation/Enhancement (N/A)																
120	Sat 10/1/11	Fri 5/31/13	Task 11. Construction Administration																
121	Wed 6/1/11	Mon 12/30/13	H. Stream Channel Shapes and Floodplain Restoration Guidance...San Francisquito																
122	Wed 6/1/11	Mon 12/30/13	Task 1. Project Administration																
123	Wed 6/1/11	Wed 6/1/11	Task 2. Labor Compliance Program (N/A)																
124	Thu 9/1/11	Fri 11/29/13	Task 3. Reporting																
125	Thu 9/1/11	Wed 7/31/13	Prepare Quarterly Reports to DWR																
126	Mon 9/2/13	Fri 11/29/13	Prepare Final (Project Close-out Report) to DWR																
127	Thu 9/1/11	Wed 7/31/13	Task 4. Assessment and Evaluation																
128	Thu 9/1/11	Wed 7/31/13	Design Guidance																
129	Thu 9/1/11	Wed 7/31/13	Site Selection																
130	Thu 9/1/11	Wed 7/31/13	Field Geomorphic Surveying and Data Collection																
131	Thu 9/1/11	Wed 7/31/13	Data Compilation, Analysis and Creek Design Curves Preparation																
132	Thu 9/1/11	Wed 7/31/13	Preparation of Technical Memo with Results and Data Curve																
133	Thu 9/1/11	Wed 7/31/13	Watershed Restoration in San Francisquito Creek																
134	Thu 9/1/11	Wed 7/31/13	Technical Assistance for Stream and Wetland Restoration Design																
135	Thu 9/1/11	Wed 7/31/13	Organize and Convene Watershed Partners																
136	Thu 9/1/11	Wed 7/31/13	Coordinate Community Campaigns/Workshops																
137	Thu 9/1/11	Wed 7/31/13	Document Community Vision																
138	Wed 6/1/11	Wed 6/1/11	Task 5. Project Design (N/A)																
139	Wed 6/1/11	Wed 6/1/11	Task 6. Environmental Documentation (N/A)																
140	Wed 6/1/11	Wed 6/1/11	Task 7. Permitting (N/A)																
141	Wed 6/1/11	Wed 6/1/11	Task 8. Construction Contracting (N/A)																
142	Thu 9/1/11	Wed 7/31/13	Task 9. Construction/Implementation																
143	Thu 9/1/11	Wed 7/31/13	Design Visual Tool																
144	Thu 9/1/11	Wed 7/31/13	Work with Local Youth on Planting and Restoration Projects																
145	Wed 6/1/11	Wed 6/1/11	Task 10. Environmental Compliance/Mitigation/Enhancement (N/A)																
146	Wed 6/1/11	Wed 6/1/11	Task 11. Construction Administration (N/A)																
147	Wed 6/1/11	Tue 10/1/13	I. Steelhead and Coho: SF Estuary Steelhead Monitoring Program																
148	Wed 6/1/11	Tue 10/1/13	Task 1. Project Administration																
149	Wed 6/1/11	Wed 6/1/11	Task 2. Labor Compliance Program (N/A)																
150	Thu 5/31/12	Mon 9/2/13	Task 3. Reporting																
151	Thu 5/31/12	Fri 5/31/13	Prepare Quarterly Reports to DWR																
152	Fri 6/1/12	Mon 9/3/12	Prepare Annual Report																
153	Mon 6/3/13	Mon 9/2/13	Prepare Final (Project Close-out Report) to DWR																
154	Wed 6/1/11	Wed 6/1/11	Task 4. Assessment and Evaluation (N/A)																
155	Wed 6/1/11	Wed 6/1/11	Task 5. Project Design (N/A)																
156	Wed 6/1/11	Wed 6/1/11	Task 6. Environmental Documentation (N/A)																
157	Sat 10/1/11	Sat 10/1/11	Task 7. Permitting																
158	Sat 10/1/11	Sat 10/1/11	Task 8. Construction Contracting																
159	Sat 10/1/11	Fri 5/31/13	Task 9. Construction/Implementation																
160	Sat 10/1/11	Fri 9/28/12	Plan Trapping and Develop Additional Watersheds																
161	Thu 3/1/12	Thu 5/31/12	Implement Monitoring Project (Season 1)																
162	Fri 3/1/13	Fri 5/31/13	Implement Monitoring Project (Season 2)																
163	Wed 6/1/11	Wed 6/1/11	Task 10. Environmental Compliance/Mitigation/Enhancement (N/A)																
164	Wed 6/1/11	Wed 6/1/11	Task 11. Construction Administration (N/A)																
Att5_IG1_Schedule Date: Jan 7, 2011				Task Split															
				Progress			Summary			External Tasks			Deadline			↓			
				Milestone			Project Summary			External Milestone			◆						
Page 3																			